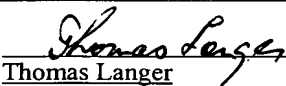


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET #: 5367-154PUS
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				
				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/526214</b> PRIORITY DATE CLAIMED 5 September 2002
INTERNATIONAL APPLICATION NO. <b>PCT/DE2003/002728</b>		INTERNATIONAL FILING DATE <b>13 August 2003</b>		
TITLE OF INVENTION <b>Semiconductor Optical Pumping Device for Radiation Emission and the Production Method thereof</b>				
APPLICANT(S) FOR DO/EO/US <b>Christian KARNUTSCH; Norbert LINDER; Johann LUFT; Stephan LUTGEN; Wolfgang SCHMID</b>				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>				
<b>Items 11. to 16. Below concern other document(s) or information included:</b>				
11. <input checked="" type="checkbox"/> Two Information Disclosure Statements under 37 CFR 1.97 and 1.98.				
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.				
14. <input type="checkbox"/> A substitute specification.				
15. <input type="checkbox"/> A change of power of attorney and/or address letter.				
16. <input checked="" type="checkbox"/> Other items or information ( <i>specify</i> ): PCT/IB/308, Cover page of Published PCT Application, Int'l Search Report, Request for Publication of Assignment Information				

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/526214</b>		INTERNATIONAL APPLICATION NO. PCT/DE2003/002728		ATTORNEY'S DOCKET NUMBER 5367-154PUS	
17.[x]The following fees are submitted:					
Basic National Fee (37 CFR 1.492(a)(1)-(5))				\$300	
National Stage Search Fee				\$500	
National Stage Examination Fee				\$200	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$	1000
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	30 - 20 =	10	x \$50.00	\$	500
Independent Claims	3 - 3 =		x \$200.00	\$	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
Application Size Fee - for each add 50 sheets in excess of 100 sheets + \$250.00				\$	
TOTAL OF ABOVE CALCULATIONS =				\$	1500
Reduction of 1/2 for filing by small entity, if applicable.				\$	
SUBTOTAL =				\$	1500
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	1500
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED				\$	1500
				Amount to be refunded:	\$
				charged:	\$
<p>a. <input checked="" type="checkbox"/> One in the amount of \$1500.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. 03-2412 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2412. A duplicate copy of this sheet is enclosed.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>					
SEND ALL CORRESPONDENCE TO: <u>Thomas Langer</u> Cohen, Pontani, Lieberman & Pavane 551 Fifth Avenue, Suite 1210 New York, New York 10176			 <u>Thomas Langer</u> Registration Number: 27,264 March 4, 2005 Tel: (212) 687-2770		

Attorney Docket # 5367-154PUS

By Express Mail #EV582747161US

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re National Phase PCT Application of

Christian KARNUTSCH et al.

Int'l PCT Appln. No.: PCT/DE2003/002728

Int'l Filing Date: 13 August 2003

For: Semiconductor Optical Pumping  
Device for Radiation Emission and  
the Production Method thereof

Check box if applicable:

☒ DUPLICATE

**GENERAL AUTHORIZATION FOR PAYMENT OF FEES  
AND PETITIONS FOR EXTENSIONS OF TIME**

*Submit an original and a duplicate for fee processing*

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 03-2412

- [X] Any filing fees required under 37 CFR §1.16.
- [X] Any patent application processing fees under 37 CFR §1.17 not otherwise paid by check.
- [X] The issue fee set in 37 CFR 1.18 at 3 months from mailing of the Notice of Allowance, pursuant to 37 CFR 1.311 (b) provided the fee has not already been paid by check.
- [X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

By Thomas Langer  
Thomas Langer  
Reg. No. 27,264  
551 Fifth Avenue, Suite 1210  
New York, New York 10176  
(212) 687-2770

Dated: March 4, 2005

Attorney Docket # 5367-154PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re National Phase PCT Application of

Christian KARNUTSCH et al.

International Application No.: PCT/DE2003/002728

International Filing Date: 13 August 2003

For: Semiconductor Optical Pumping Device for  
Radiation Emission and the Production Method  
thereof

REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
S I R:

It is requested that the following assignment information be published as part of the  
18 month publication of the present application:

**Osram Opto Semiconductors GmbH**  
**Wernerwerkstrasse 2**  
**93049 Regensburg, Germany**

Respectfully submitted,  
COHEN, PONTANI, LIEBERMAN & PAVANE

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4 March 2005